Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 14 Oct 2021 until 23:59 on Friday 15 Oct 2021

Forecast Issued on Wednesday 13 Oct 2021 at 14:15

Confidence: The main uncertainty surrounds the extent of cloud breaks through Thursday and then for the details of rainfall over the weekend. There is relatively high confidence in the forecast until then, however.

Headline for Thursday 14 Oct 2021: Rather cloudy and dull through morning but some afternoon brightness. Breezy.

Mountain weather hazards on Thursday 14 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Mist	Cloudy	Drizzle	Sunny intervals	Cloudy	Light rain	Heavy Rain
Precipitation probability							
10%	20%	20%	30%	10%	00%	50%	60%

Forecast for Thursday 14 Oct 2021

Weather: Plenty of cloud around through the morning, this dipping below the summits at times and bringing a few spells of light drizzle, mainly to western slopes. Cloud may break through the middle of the day to allow some fleeting spells of sunshine. A band of rain will sink southwards through evening.

Chance of cloud free mountain/hill tops above 600m: 50%, falling 20% through evening.

Visibility: Hill fog will vary in height and extent through the day, with morning bringing rather extensive cloud above around 500m, lifting to 600-700m by afternoon with a few breaks in-between. Cloud will thicken and descend more widely through late evening, covering most slopes above 400-500m. Away from this, visibility will be generally very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 14 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 SW	18/26 SW	23/33 W	25/34 W	26/36 W	25/35 SW	22/32 W	21/32 W	14/21 NW
300	9/21 W	9/21 W	11/26 W	13/29 W	16/33 W	16/31 W	13/29 W	15/31 W	10/21 NW
Valley	4/15 SW	4/16 SW	7/19 SW	11/24 W	15/29 W	13/26 W	10/23 SW	12/26 W	10/22 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	8/4	8/3	8/3	8/4	8/4	8/4	9/5	8/5
300	9/7	10/8	10/8	10/8	11/8	11/8	10/8	11/8	10/8
Valley	11/10	11/10	11/10	12/10	13/10	13/10	12/10	13/10	11/10
Freezing Level*	2000m	2000m	2000m	2100m	2000m	2000m	2100m	2300m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 13 Oct 2021	1mm	1.2mm	2.2mm

Forecast for Friday 15 Oct 2021

Weather: A marked change to colder conditions with little in the way of cloud cover and much lighter winds compared to Thursday. The odd mist or fog patch may develop in the valleys but will readily clear through morning. Cloud thickening through late evening.

Maximum wind: Northeast 10-20mph initially, becoming east or southeast 5-10mph from mid morning.

Chance of cloud free mountain/hill tops above 600m: 100%

Visibility: Away from any early mist or fog in the valleys, visibility will be very good with far reaching views on offer.

Temperature: **Valleys:** Plus 2 to 4 Celsius, rising to around 10 Celsius.
At 600m: Around plus 2 Celsius early and late, rising to 6 Celsius through the day.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.